

# Elodie Chabanon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1892937/publications.pdf>

Version: 2024-02-01

17  
papers

680  
citations

949033

11  
h-index

993246

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

891  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solubility of L-glutamic acid in concentrated water/ethanol solutions. Journal of Crystal Growth, 2021, 570, 126238.	0.7	3
2	New dynamical observer for a batch crystallization process based on solute concentration. Journal of Process Control, 2020, 87, 17-26.	1.7	5
3	Dense Membrane Crystallization in Gas-Liquid Systems: Key Parameters Influencing Fouling. Industrial & Engineering Chemistry Research, 2019, 58, 20134-20146.	1.8	3
4	Multiscale Experimental Study and Modeling of $\alpha$ -Glutamic acid Crystallization: Emphasis on a Kinetic Explanation of the Ostwald Rule of Stages. Crystal Growth and Design, 2019, 19, 3329-3337.	1.4	9
5	Drop size distribution monitoring of oil-in-water emulsions in SMX+ static mixers: Effect of operating and geometrical conditions. International Journal of Multiphase Flow, 2017, 92, 61-69.	1.6	18
6	Status and progress of membrane contactors in post-combustion carbon capture: A state-of-the-art review of new developments. Journal of Membrane Science, 2016, 511, 180-206.	4.1	249
7	Potentialities of a dense skin hollow fiber membrane contactor for biogas purification by pressurized water absorption. Journal of Membrane Science, 2016, 513, 236-249.	4.1	42
8	Modeling the Competition between Polymorphic Phases: Highlights on the Effect of Ostwald Ripening. Crystal Growth and Design, 2016, 16, 5689-5697.	1.4	17
9	Investigation of the $\alpha$ -Glutamic acid polymorphism: Comparison between stirred and stagnant conditions. Journal of Crystal Growth, 2016, 435, 98-104.	0.7	17
10	Membranes and crystallization processes: State of the art and prospects. Journal of Membrane Science, 2016, 509, 57-67.	4.1	83
11	Pushing the limits of intensified CO <sub>2</sub> post-combustion capture by gas-liquid absorption through a membrane contactor. Chemical Engineering and Processing: Process Intensification, 2015, 91, 7-22.	1.8	28
12	Gas-liquid separation processes based on physical solvents: opportunities for membranes. Journal of Membrane Science, 2014, 459, 52-61.	4.1	38
13	Modeling strategies of membrane contactors for post-combustion carbon capture: A critical comparative study. Chemical Engineering Science, 2013, 87, 393-407.	1.9	58
14	Modelling Strategies of Membrane Contactor Processes for CO <sub>2</sub> POST-Combustion Capture: A Critical Reassessment. Procedia Engineering, 2012, 44, 343-346.	1.2	1
15	Membrane Contactors for Postcombustion Carbon Dioxide Capture: A Comparative Study of Wetting Resistance on Long Time Scales. Industrial & Engineering Chemistry Research, 2011, 50, 8237-8244.	1.8	73
16	Study of an innovative gas-liquid contactor for CO <sub>2</sub> absorption. Energy Procedia, 2011, 4, 1769-1776.	1.8	30
17	Removal of iron using an oxidation and ceramic microfiltration hybrid process for drinking water treatment. , 0, 66, 210-220.		5